



ninoSAFE

Superior
Operator
Protection

Biological Safety Cabinets Class I for operator protection EN 12469

Superior operator protection

Nino Labinterior manufactures intelligent engineered biological safety cabinets that provide clean air solutions for a wide range of applications, ranging from routine work with potentially hazardous samples to handling cytotoxic compounds. ninoSAFE provides the level of operator, product and environmental protection you need and every cabinet is designed to make working safely as easy and as comfortable as possible.

Engineered by Experience - Compact design but still best usable inner dimensions.

ninoSAFE biological safety cabinets have been tested and validated at customers since 2015 reassuring their performance, reliability, quality and ease of use. The latest technology in combination with State-of-the art technique ninoSAFE offers advanced products yet easy to clean and simple to maintain. Scandinavian design brings ergonomics to a higher level. Dimmable LED light comes as standard feature together with remarkably low sound levels. Support stands are available in either manually or electrically adjustable, all in clean room design.

Nino Labinterior's motto is "Special is our standard" meaning that all our products can be custom made and configured to meet every specific requirement within reasonable time and budget.

We work closely with our customers to create and support biological safety cabinets that offer unmatched quality, precision and reliability with highest level of cleanability.



Engineered by Experience

Worldwide remote support
 ninoSAFE biological safety cabinets can be ordered with a unique remote support offering unmatched user support, trouble shooting, adjustments and update service. Furthermore the system allows up to 12 months of continuous data backup. With customer approval we access the cabinet remotely wherever it is installed, requiring only open internet access. High security and without managing firewalls.

Noise
 Field case studies prove that ninoSAFE biological safety cabinets measure <47 dB(A) when operating at 0,7 m/s inflow. By applying the latest filter and fan technology into our products we know what can be achieved.

Weighing
 A wide range of weighing accessories are available. Since ninoSAFE is close to vibration free it offers weighing inside at 4 decimals without additional support stand.

Standard Features
 All ninoSAFE biological safety cabinets come with dimmable LED lighting. Adjustable or electrical elevation support stands at your choice operated directly from the OP touch panel. UV-light is positioned with easy access and available in either fluorescent standard tube or LED offering incomparable long life. ninoSAFE is designed to be comfortable and ergonomically without arm rests thanks to intelligent designed v shaped table tops allowing operator to work comfortably without obstructing the air vents.

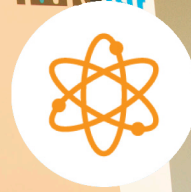
“Special is our Standard”

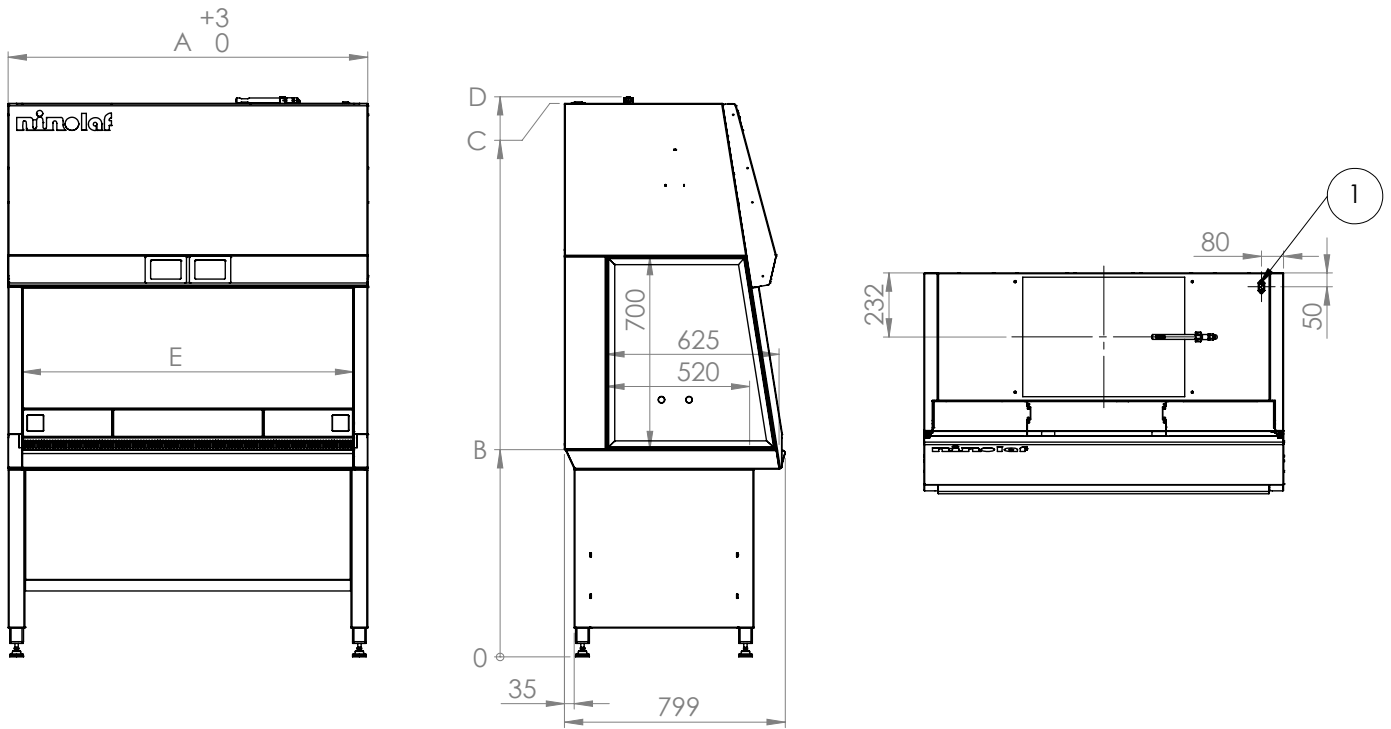
| Technical specifications ninoSAFE BSC | | | | | |
|---------------------------------------|-------------------|--|---------------------|---------------------|---------------------|
| Type | | Class I 900 | Class I 1200 | Class I 1500 | Class I 1800 |
| Dimensions | | | | | |
| External dimensions, WxDxH | mm | 1003x799x1953(1978) | 1303x799x1953(1978) | 1603x799x1953(1978) | 1907x799x1953(1978) |
| Internal dimensions, WxDxH | mm | 900x520(625)x700 | 1200x520(625)x700 | 1500x520(625)x700 | 1800x520(625)x700 |
| Front window opening | mm | 200 (adjustable 180 - 330) | | | |
| Work height, standard support stand | mm | 700 - 1050 | | | |
| Minimum door way | mm | 800 | 800 | 800 | 800 |
| Weight | | | | | |
| Equipment | kg | 190 | 220 | 250 | 280 |
| Air velocity | | | | | |
| Inflow | m/s | 0,7 (adjustable 0,7-1,0) | | | |
| Noise | | | | | |
| Noise level ISO3744 | dB(A) | 46 | 46 | 47 | 47 |
| Ventilation | | | | | |
| Exhaust flow rate | m ³ /h | 453 | 610 | 760 | 910 |
| Filter technology | | | | | |
| Exhaust | Type | HEPA H14 EN1822, 99,999% at 0,3 µm particle size | | | |
| Light | | | | | |
| LED | Lux | 0-2000, dimmable | | | |
| Electrical data | | | | | |
| Voltage frequency | V/Hz | 220-240/50-60 or 110-120/50-60 | | | |
| Power consumption, from | W | 90 | 100 | 130 | 140 |

Our models are built and tested according to national and international standards including: EN 12469, EN 61010-1

Made in Scandinavia – ISO9001:2015 and ISO14001:2015

Superior
 Lab
 Solutions





ninoSAFE specifications

| Cabinet | A - Length | B - Work Height | C - Top cabinet | D - Highest point | E - Work opening | W - Weight |
|---------------|------------|-----------------|-----------------|-------------------|------------------|------------|
| ninoSAFE 900 | 1003 mm | 700-1050 mm | 1953-2203 mm | 1978-2228 mm | 900 mm | 190 kg |
| ninoSAFE 1200 | 1303 mm | 700-1050 mm | 1953-2203 mm | 1978-2228 mm | 1200 mm | 220 kg |
| ninoSAFE 1500 | 1603 mm | 700-1050 mm | 1953-2203 mm | 1978-2228 mm | 1500 mm | 250 kg |
| ninoSAFE 1800 | 1907 mm | 700-1050 mm | 1953-2203 mm | 1978-2228 mm | 1804 mm | 280 kg |

| Notes | |
|-------|--------------------|
| POS. | Description |
| 1 | Power supply point |



Separate control and status/alarm display for clear information



Easy-to-use intuitive user interface with touchscreen



Easy-to-clean electrical outlets and optional USB- and RJ45 outlets



Clean room design adjustable support stand

ninoSAFE - A complete range also available in following models:

- ninoSAFE plus (EN12469, DIN12980)
- ninoSAFE B2
- ninoSAFE XL (EN12469)
- ninoSAFE XL plus (EN12469, DIN12980)

- ninoSAFE sterile (Clean bench)
- ninoSAFE class II (EN12469)
- ninoSAFE horizontal